

From [\[email protected\]](#) Wed Dec 3 21:30:27 1997 Date: Wed, 3 Dec 1997 18:10:06 -0500 (EST) From: "Dick Wilder (K3DI)" To: [\[email protected\]](#), [\[email protected\]](#), NCJ , [\[email protected\]](#), [\[email protected\]](#), W0CN , [\[email protected\]](#), [\[email protected\]](#), [\[email protected\]](#) Cc: [\[email protected\]](#) Subject: PVRC December Newsletter

PVRC December Newsletter 1997

POTOMAC VALLEY RADIO CLUB - CALENDAR

Wed	weekly	PVRC BWI breakfast 7:30 AM at Basil's Deli Port on Elkridge Landing Rd. Info from W6AXX
Thu	Dec 4	PVRC/NC meeting at Luna's, 3227 Avent Ferry Rd, Raleigh at 6 PM.
Mon	Dec 8	Central meeting and Christmas party in Tysons Corners, VA. See page 1.
Fri	Dec 12	SW VA at Denny's Restr, West Salem, VA. K4IQ
Tue	Dec 16	NW meeting, Legends Restr, Hampton Inn, I-270/Rt85, Frederick MD at 8:00 PM
Tue	Dec 16	Tidewater Colony meeting, China Palace Restr, Jct Newtown/Kempsville Rds, Norfolk
Thu	Dec 4	PVRC/NC meeting at Luna's, 3227 Avent Ferry Rd, Raleigh at 6 PM
Mon	Jan 12	Central meeting, Episcopal Ch, Rt 5, Temple Hills, MD (Feb 9 at the library in Vienna, VA)

POTOMAC VALLEY RADIO CLUB
NEWSLETTER DECEMBER 1997

PVRC CHRISTMAS PARTY, MONDAY, DEC 8TH,
by Rich Boyd, KE3Q (From pkt messages- editor)

The annaul PVRC Christmas dinner will be at the Olive Garden Restaurant, Route 7 at International Drive and Gallows Rd., Tyson's Corner near the Beltway (Virginia), on Monday, December 8, 1997, 7:30 p.m.

The program will start with K3LP and KE3Q showing slides (if developed in time) of their A61AJ Dxpedition in CQWW CW. Then the main program will be travel tales from K3ZO.

The facility at the Olive Garden is a nice, separate area that seats as many as 120. Plenty of room to come and go, visit your friends at other tables and there will be a podium at one end.so we will hear the speaker, this time.

We will be able to choose from the entire menu. The highest price entre is \$13.95 but, or course, you can order just a salad, if you wish.

If you're coming, please let us (via N3OC while I'm in A6) so we can get a head count, but if you can't let us know ahead, please don't let that deter you. We had 73 last year.

MINUTES OF THE POTOMAC VALLEY RADIO CLUB CENTRAL MEETING 11/10/97 FALLS CHURCH, VA
by Brian McGinness, N3OC, Secretary

The meeting was called to order at 7:40 by Rich, KE3Q. Members and guests were introduced.

A discussion of the recent CW sweepstakes and the upcoming phone sweepstakes was held. An article from a recent NCCC newsletter concerning club competition was also passed around.

A runoff vote for the central region on the logo was held.
A general discussion about contest dxpeditions was held, with information about the V26B, PJ9B and 8P9Z operations.

The officer elections for 1998 were held. A motion to close the nominations was made by W8ZA and seconded by K3ZO. The result of the elections are: President - Tyler Stewart K3MM, Vice-President - Brian McGinness N3OC, Secretary - Rich Boyd KE3Q, Treasurer - Dave Baugher WR3L.

Rich presented information about the possible locations for the annual Christmas dinner, preferable on the second Monday in December (late note - will be 12/8/97 at the Olive Tree in Tysons corner, Virginia).

War stories about the CQWW SSB and SS CW were held until it was realized that two applications had not been voted on yet. New applications were received from K7LU, Scott, an extra class operator from Fairfax, and the infamous KA3QPG, Joel Knoblock, the perpetrator of The R.F. Connection. Both were elected into membership, welcome to PVRC! The meeting was adjourned at 9:30.

PVRC/NC MEETING MINUTES 11/6/97
by Pete Soper, KS4XG, [\[email protected\]](#)

Site: The meeting was held at Luna's Pizza in Raleigh 18:00-19:30.

Attendees: AA4NC/W4MR, Will; K4MA, Jim (activities); N3QYE, Jim; N4CW, Bert (chairman); K3CV, Jeff Keller; K4HA, Bob; K4PB, Alan; N4AF, Howie; WB4HFL, Henry; KF4MOK, Dave; K2AV, Guy; W3GCG, Willy; W2CS, Gary; K4QPL, Jim; KS4XG, Pete (secretary).

Membership; This was the first meeting of Jeff Keller, K3CV, sponsored by K4HA. Jeff is looking forward to joining PVRC and contributing his scores. Welcome, Jeff. Willy, W3GCG (formerly WB3GCG) has been a PVRC member for 15 years and joins us after finding the NC chapter and the PVRC club circle moved South. Welcome to the NC chapter, Willy. Chapter membership is now twenty.

Club business and announcements : Bert, N4CW commenced the meeting. The logo vote is down to a runoff between design #2 and #4. The designs were passed around and a vote was taken to be forwarded to the PVRC secretary N3OC. Member's votes were as follows: Design #2: 7 votes and Design #4: 7 votes.

Example PVRC club QSL cards were passed around for inspection. KS4XG reported that PVRC secretary N3OC made it clear that there are no meeting attendance requirements for claiming club affiliation for CQ sponsored contests, only for ARRL sponsored events.

Member Activities: Pete, KS4XG is down to two PL259s and hookup of the control box for the relay switching to get his quad tribander on the air for initial tuneup. Will, AA4NC said "CQWW rules, Sweepstakes sucked." His effort at FS5PL was discussed and all agreed that their score looks like it will hold up well. Jim, K4MA will be active with callsign WP2Z during SS/SSB. Jim passed around the plaque he and Will received for their #1 result from the ARRL DX/SSB contest. Mighty pretty! Jim, N3QYE reports that the NCSU club station has put up a 160m fullwave loop and expects to be active for the contest next month. Their W4ATC collegiate championship entry made over 600 Qs during SS/CW. Jim said that membership at the university club is up and some members are upgrading their license classes.

N4CW worked SS/CW from the K4PB station. K4HA worked CQWW at the N4ZC multi multi station. Bob said that when JY1 called in N4ZC kept saying "JY1 what?". Finally there was communication and someone asked "Is this Hussein" and the answer in a very low voice was "Yeah!"

K4PB said he's going to make a M/S effort during the 160m test in December and invites interested operators to join him. N4AF said "SS sucked". WB4HFL reported great results during CQWW on 10 meters. Henry bagged about 15 European contacts with his six element beam and many others with his 10m antenna farm, including a novel design "rope yagi". K4MOK is preparing the W4ATC club station amplifier for SS/SSB and we'll be expecting Dave's "CQ" this weekend.

K2AV said SS sucked. Guy sorted out RFI problems but missed enough of the action that he's pledged an effort in the SS/SSB test, a precedent for him. He said that the blower noise of his AL1200 and the CW filter of his receiver masked the Saturday night thunderstorms so much that he didn't notice anything. AA4NC said he didn't notice anything either, until his station took a strike and caused the smoke to be lost from a power strip.

W3GCG explained that he moved to the area (north of Raleigh) 12 years ago and is twice retired. He makes all band contest efforts, mostly phone, and is experienced with tower work and offered to help others. He has 100 feet of Rohn 45 up but almost lost it due to the hurricane. He has wire beams and eight 2400' beverages.

K4PQL said that SS/CW was his best SS in 25 years (i.e. since he took part 25 years ago!). Jim was grinning from ear to ear with enthusiasm as he explained how much fun it was to take part in the test using a TS850 and TR (last SS was with a Globe King and other equipment the notetaker couldn't catch). Jim chalked up 530 QSOs and 73 sections on 80 and 40 meters with a G5RV at 30 feet. Outstanding, Jim!

W2CS said SS/CW sucked. Although Gary got a clean sweep (and abt 500 Qs?) he couldn't put up with the aggravation for a full effort on QRP.
December Meeting: Luna's Pizza, 1800 Thur Dec 4th

TIDEWATER COLONY MINUTES, NOVEMBER 18TH,

by Don Lynch, W4ZYT

The Tidewater Colony of the PVRC met 18 Nov at C&M Seafood, Newtown Road (a new location) in conjunction with the Virginia DXCC. Of almost forty attendees, there were 14 PVRC members: W4SD, WA#QWA, K4UX, NW3K, K4IX, W4HIR, W4HM, W4JLS, W4LSG (formerly WA4OAE), WB4DNL, W1WTG, W4PRO, WD4GOY, and W4ZYT. New members W8RJL, AF4CD, and KO4NX were inducted with appropriate ceremony. The chapter now totals 21 members.

An update on W4DHz who was hospitalized shortly after last month's meeting was noted. He is recovering in a skilled care nursing facility but plans to return home. We anticipate an antenna stringing party once he is home to get him back on the air. Sea stories regarding group operations by K4IX and his merry band at W4PRO's super station, and by the W4ZYT beach pirate group from the Corolla beach house were shared with the group. This year Bus and the K4IX group got the most Q's, but both groups were able to make the clean sweep. We'll have to come up with some suitable trophy to exchange for this now recurring annual friendly competition. A vote was taken on the PVRC Logo run-off: #2 = 0, #4 = 17.

Brief mention was made of the upcoming ARRL CW DX Test expedition to KG4-land by NW3K, W4SD, and W4ZYT. More details will follow. Also noted is that new PVRC member Lynn, AF4CD, now a Virginia Section Asst Section Manager, will run for SM in the new year. Plans for the upcoming CW WW and ARRL Tests were briefly reviewed. The meeting was adjourned around 2100.

11/21/97 PVRC/SWVA Meeting Minutes,
by John Mitchell K4IQ

Site: Pargo's Restaurant in Roanoke, VA, 1800-2100

Attendees: K4IQ, John; W4YE, Buddy; K1GG, Gordon; N4GU, Mike; WA4RDI, Dave.

Membership: This was the first formal meeting for the SWVA PVRC Chapter. Founding members are W4YE, K1GG, and K4IQ. N4GU and WA4RDI have attended previous informal meetings, and were voted into membership unanimously. Welcome Mike and Dave!

Meeting Agenda: The meeting began after dinner and small talk with a fascinating presentation by Buddy W4YE (ex-W4YZC), of memorabilia from the PVRC of twenty-five years ago, when Buddy lived in the No. Va. area, and was an officer in the club. Buddy brought photos from the period, including many interesting shots of notables of that (and this) era. Especially interesting was a copy of the Silver Anniversary booklet put together in 1972, when Buddy was club secretary. Buddy also regaled us with some stories from that period, and left us with original qsl cards from W4KFC, a legend if there ever was one.

We then went around the table to show and tell about our stations, recent operating, and planned events. W4YE has a short tower with a Lightning Bolt quad and a wire antenna, but is planning to raise some AB-105 tower in the near future. K4IQ related his tower plans for the ridge top above his house, and N4GU explained his current activity from his home, and from the Club station at Virginia Tech, K4KDJ, where he is a life member. K4KDJ was active during sweepstakes, and Mike will follow through to

canvass possible PVRC members. Mike plans to operate the ARRL 160M contest from campus, suspending a variety of antennas for 160M from the top of the engineering hall, which will be mostly vacant for the weekend.

Dave, WA4RDI, along with Mike N4GU and Gordon, operated the K1GG station to what looks like a Division first in SS multi phone again this year.

Gordon, K1GG, provided the group with a description of his well equipped station, which features three towers:

3 el. 40M at 150 ft, 5 over 5 on 20M at 100 and 50ft, 6 over 6 on 15M at 80 and 40ft, and a 6 el. 10M at 60ft, as well as wire antennas for the low bands from the taller towers. A second 10M antenna will join the stack on tower three next year. The K1GG (ex-KC4DY) gang has orked together for the past several sweepstakes, taking the Roanoke Division multi-op plaque several years in a row, now.

The location and date was set for the next meeting, at Denny's in Salem, VA. at 6pm on December 12th. The meeting was adjourned at 2045.

OVER THE HILL BUNCH by Bill Leavitt, W3AZ

The OTH bunch met at the Oxon Hill Ramada on November 12wth. Those attending were AA4XU, W3ABC, K3ZO, W3EIV, W3CP, W3CP XYL, W3GN, W6AXX, AA4I, and W3AZ. The conversatons covered about everything in amateur radio. A copy of a Hallicrafters add from a mid-1950 QST was circulated showing W3GN operating one of their new creatons. It was a good picture of the back of Larry's head. Andy reported via Internet from Murfreesboro, TN that he was on his way to Texas and in October the OTH attendees were K6IR, W3CP, W3GN, W3UJ, W6AXX, W3AZ, W3EIV, W3ABC, and W3XE.

The PVRC Exchange by Ed Steeble, K3IXD [\[email protected\]](#)

It is now time to pass these duties onto someone else. In June I accepted a new assignment at work and have been very busy. Plus for four years I have been taking orders for PVRC hats, shirts, sweatshirts, and coffee mugs. I have informed the outgoing officers and the incoming ones that I am resigning as the point of contact for the "PVRC items".

I encourage someone to step forward and handle this task. It does benefit the club. I will be glad to pass on my lessons learned and the details of the ordering. With internet, there is no reason for my successor to be local to me. However, we could us the mail or LL. HF and PacketCluster(tm) shouldn't be used since the discussion are business related.

And please continue to support N3NT (ex-AA3HM) who handles the orders for PVRC QSL cards; and N3OC (ex-WA3WJD) who handles the PVRC name badges orders.

It is great to see pictures in the magazines of club members wearing the PVRC badge and shirts, as well as being able to spot PVRC members easier at hamfests. I am not sure which logo won, but either way the new logo recognizes all the states within the geographic boundary.

PVRC RECRUITING by Bob Dannals, W2GG [\[email protected\]](#)

To follow up on Rich Boyd's packet message about recruiting, I suggested

to him that a survey of this year's PVRC logs from CW and Phone Sweepstakes could be performed to pull out contacts from the 7 sections within the club's competitive boundary and "target" these stations as potential new members might pay future dividends.

I would like to enlist your help in this effort. You've already done the hard part (working the stations). For those of you who submit logs electronically to ARRL, if you could forward a copy of that file (ASCII text) to me via internet email (address above) or on disk, I will do the following: (1) pull out all contacts from MD, PA, VA, WV, NC, and DE, (2) assemble those contacts into one database from all logs submitted, (3) check the geographic coordinates of the stations and try to determine if the station is within the competitive radius, (4) generate some statistics on each station in the database (for example, estimate time on air, contacts per hour, total contacts), and (5) provide the analysis back to the club for future action

The more people who help in this effort, the better the portrait will be of local activity during the contest. I hope that you can help.

PVRC Contest Calendar for December
by Tyler Stewart, K3MM

Hopefully this will become a monthly feature of the newsletter. I plan on highlighting contests of major interest to PVRC members, especially all club competitions.

ARRL 160 Meter Contest - Dec 5 2200Z to Dec 7 1600Z *Club Competition*

This is a CW-only contest which PVRC won in 1996! In this one, W/VE works everyone and DX only works W/VE (similar to the ARRL DX Comp but with W to W QSO's counting as well). It's a lot of fun, even for those with modest 160 antennas, and it's easy to rack up a good sized score in just a few hours, although the whole 42 is allowed. Exchange is 599 + Section. Help PVRC win another gavel and get on if just for a few hours...it's a guaranteed good time!

ARRL 10 Meter Contest - Dec 13 0000z to Dec 14 2400Z *Club Competition*

Yet another gavel winner in 1996 for PVRC! This is a 36 of 48 hours for all classes. You may enter CW, Phone, or Mixed Mode. Multi-ops may use packet, etc., but only enter mixed mode. Scoring is 2 points for phone and 4 points for CW except 8 points for novice/tech QSO's on CW only. Mults are US states, VE provinces, DXCC countries, and ITU Regions (for DX mobiles only). Exchange is 599 + QTH for W/VE and 599 + serial number for DX. Let's pray for sunspots and another PVRC win!

Internet CW Sprint Contest - Dec 21 0200z to 0400z

This hasn't been a real popular contest on the east coast, but it's surely a challenge! The exchange is Number, Name, and State. The catch is that after your first QSO, you send the name you received on the previous QSO! In addition, there is a QSY rule. If you solicit a QSO on a frequency, you must QSY at least 1 kc to call another station or 5 kc's to call CQ again. You can work the same station again if you have made 3 other QSO's inbetween! The standard thing to do is to call a CQ'er and then after that QSO is done, it's your frequency! Be sure and read the rules if you

want to partake seriously because this one's a LOT different.

PVRC 50th Anniversary QSO Party - Dec 31 2300Z to Jan 1 0100Z

A 2 hour on-the-air 50 year celebration! Be sure to kiss your loved one at midnight and then continue on! See the newsletter or web page for rules.

North American QSO Party - CW - Jan 10 1800Z to Jan 11 0600Z Team Competition

This is one I always enjoy. Single Op's do 10 out of 12 hours. Exchange is Name and QTH. Score 1 point for any QSO times total sum of multipliers. There are separate band multipliers for 160 through 10 meters. Be sure and join a team (no requirements...anyone can join from anywhere, with up to 5 members on a team) for added fun. Passing mults is one of the keys to success for this one! It's a fun way to spend a few wintery hours on a Saturday, and it's great practice for both passing and 2-radio single-op'ing.

50TH ANNIVERSARY QSO PARTY by Leo Boberschmidt, KA3TGY, Chairman, QSO Party 301-946-3738

PVRC 50th Anniversary QSO Party, sponsored by the Potomac Valley Radio Club. Celebrating the formation of the PVRC in 1947. 2300Z Dec 31 to 0100Z Jan 1 [2 hours, only]. All PVRC members will sign "/50" after their call signs. Work PVRC members once per band and mode: 3.550 3.850 7.050 7.250 14.050 14.250 21.050 21.350 28.050 28.450. Each band-mode counts separately. PVRC stations work everyone; others work PVRC stations only. Exchange RST and QTH [state or country]. Score 1 pt/phone QSO, 2 pt/CW QSO, 10 pt/QSO with club station W3GRF. Special certificate to overall winner. Certificates for high score phone only and for high score CW only; certificates for high score in each state and for high score in each DXCC country. Send logs to PVRC, c/o KA3TGY, 3928 Denfeld Court, Kensington, MD 20895 or to [\[email protected\]](#).

PVRC REFLECTOR CHANGES ISP by Howie Hoyt, N4AF

By the time you read this, the PVRC reflector will be moved from pagez.net to qsl.net. The change of reflector was motivated by three factors:

1) N4AF's ISP was getting clobbered by bounces of the Linux .Forward file. With 100+ subscribers, there always seems to be some users ISP that is down- producing a 'bounced email' message to originator & owners ISP!

2) It was felt that we should tighten security, without hassling members.

3) We wanted to change the subscribe/un-subscribe structure to allow automatic response without human intervention.

4) Occasionally, junk mail would reach ID [\[email protected\]](#)esz.net. This was faithfully sent out to all subscribers ! The new site will eliminate this.

Now that PVRC is the club to watch/catch up to, security is being tightened. If your email id does not contain your call, please send email to [\[email protected\]](#), from the subscribing id, and enclose your call in the

email so we can guarantee all subscribers are PVRC!

TIP: Folks with generic email ID's may wish to look at <http://www.qsl.net> to investigate how to get a free ID- such as [\[email protected\]](#). They, rather generously, also provide web and ftp space in the process.

It is NOT a true email account, but rather a unix .FORWARD file set up to forward the mail to your true email account. As I anticipate moving in the future, it provides a nice way to make the ID change transparent!

More reflector info following "Scores." -editor

Scores by Dave Blanchard, N3II.

CQWW DX SSB (#10 11/15) by N3II

CALL	BND	QSO	ZON	CTY	TOTAL
SINGLE OP HIGH POWER -UNASSISTED					
K3ZO		2315	122	438	3,638,880
K4ZW		2014	137	452	3,340,000
W9LT		1056	109	345	1,307,974
W8ZA		0	0	0	730,000
K3ZJ/8	15	1064	32	127	479,067
K2UOP/8		542	84	241	467,025
W3AZ		488	64	199	357,680
N4CW		409	81	199	305,480
N4MXT	15	571	31	130	257,406
W4YV	10	601	26	111	206,322
K3OSX		321	65	173	202,062
W3EKT		300	63	160	176,839
W4IF		138	30	81	43,290
K4PB		82	30	59	18,690
W4VC	20	51	12	35	6,627

SINGLE OP LOW POWER - UNASSISTED					
W3KN		576	85	227	490,152
N4MO	20	491	31	117	205,128
K3XZ		294	52	115	105,210
AA3LE		229	47	125	102,168
WB2BZR	10	224	23	66	53,756
W3EMH		134	35	69	36,920
WB4HFL	10	182	19	54	36,062
W3CP	15	108	19	52	20,590
N3TG/M	20	82	17	44	13,664
K3GEG	10	69	14	30	7,920
KS4XG	20	41	11	22	3,498

SINGLE OP QRP - UNASSISTED					
W3ECU		134	45	78	40,836

SINGLE OP ASSISTED					
K4ZAM		1168	117	366	1,569,267
N3II		882	117	415	1,286,376
K3DI		868	100	358	1,090,498
K3KY		822	107	367	1,073,610
W2GG		822	106	350	1,009,584

W3UJ		739	81	270	716,040
W3HVQ		638	92	292	667,776
W4JVN		659	90	279	656,820
N3HBX	20	1182	35	142	547,638
K3SX		506	104	270	503,778
K3IXD		455	93	266	432,595
N3NT		447	78	229	367,172
K6IR		324	59	165	217,728
WR3L	15	436	32	130	200,394
W3GG		267	44	140	140,024
W3YD		263	58	140	138,204
K3KO	15	334	28	100	121,472
N4ZR		210	53	119	97,524
K4VV	20	275	23	89	88,032
NT4D		150	46	103	57,067
N3QYE		134	43	76	43,197

MULTI - SINGLE

8P9Z	8416	151	598	5,160,509
FS5PL	8189	155	596	3,638,970
W3GNQ	1800	143	541	3,336,552

MULTIOP

W3LPL	5940	172	724	4,000,000
W4MYA	2833	157	590	5,758,623
V26B	4144	169	716	5,618,300
PJ9B	5434	176	718	4,477,777
N4ZC	3448	158	589	1,420,000

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56 LOGS TOTAL				77,088,773
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LAST YEAR (SSB & CW)

Frankford R C	328,583,151
Yankee Clipper C C	276,565,298
Potomac Valley R C	130,778,491

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OPERATORS:

8P9Z	K3KG K3ZR K4FJ
FS5PL	AA4NC + FS5PL K9PG K9NW K9VV (PVRC=1/4 OF 14.55m)
N4ZC	K4MA K4HA + OTHERS (PVRC= 1/5 OF 7,062,138)
PJ9B	N4RV + K3EST AND 7 OTHERS (PVRC= 1/9 OF 40,300,000)
V26B	N3OC K3MM + WT3Q AB2E W2UDT KA2AEV WX0B W3FV N2SR N2TK N5NJ (2/11 31M)
W3GNQ	WR3Z K3LP WI2T K3SKE W3GNQ
W3LPL	AI3M G4PIQ K1HTV K1RA K1RZ K3NA K3RA KT4W K5GO N3GB N5OKR ND3A ND3F OH2MM ON7ZV W3LPL W3ZZ WM2H
W4MYA	AD4TS N4EHJ WA4DAI KD4JXY WU4G KC4AUF KS4RX AC4OB N4ZJ KF4QQY KF4SPT W4MYA .. AND LOUISE

ARRL CW (#10 11/25) by N3II

CALL	QSO	SEC	TOTAL
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** SINGLE OP HIGH POWER			
K3MM	1290	79	203,820
KE3Q	1210	79	191,180
KT3Y	1209	79	191,022
K3ZO	1169	79	184,702
N4AF	1133	79	178,382
W4MR	1124	79	177,592
N4ZR	1061	78	165,516
WF3T	954	79	150,732
K3JT	0	0	150,000
W9LT	937	78	146,172
N4CW	900	78	140,400
N8II	888	78	138,528
K3SV	801	79	126,558
K4IQ	741	79	117,078
N3OC	700	76	106,400
N3II	630	79	99,540
W4BQF	606	75	90,900
W3AZ	432	77	66,528
K4GMH	535	62	66,340
K3OSX	405	79	63,990
N3JT	401	76	60,952
W4MYA	357	73	52,122
K2AV	301	73	43,946
W3PP	262	79	41,396
W8ZA	260	74	38,480
K4VV	290	65	37,700
W3GG	225	62	27,900
W3HVQ	132	59	15,300
W3GN	59	33	3,894
W3EKT	51	28	2,856

** SINGLE OP LOW POWER			
W3MC	822	79	129,718
W4YE	743	79	117,394
W3DA	680	79	107,440
W2GG	657	77	101,178
K3MQH	538	78	83,928
KM3V	498	79	78,684
W3UJ	496	79	78,526
K4QPL	530	73	77,380
AC4ZO	471	73	68,766
N4MO/3	415	74	61,420
ND3F	400	76	60,800
K4SO	361	73	52,706
K3RA	340	68	46,240
W3CP	286	71	40,612
WR3L	253	76	38,456
K3SA	250	68	34,000
WA4DAI	190	63	23,940
W4VC	137	62	16,988

K4EC	159	53	16,854
K3HH	135	60	16,200
W4HM	150	53	15,900
WD3A	122	51	12,444
N3UN	112	49	10,976
K4PB	108	46	9,936
NE3H	81	30	4,860
W3DAD	25	17	850
N3TG	10	9	180

** SINGLE OP QRP POWER

W2CS	507	79	80,106
WV3B	215	67	28,810
W3UR	34	19	1,292

** MULTIOP

W4RM	1050	79	165,900
NT4D	850	77	130,900
N3RR	728	79	115,024
K4MA	725	79	114,550
K4IX	645	79	101,910
W4ATC	638	79	100,804
K3DI	546	79	86,268
N3AM	517	79	81,686
W4ZYT	458	79	72,364
WA4QDM	317	79	50,086
WD3P	309	73	45,114
NY3M	294	71	41,748
K3SW	130	68	17,680

- - - - -
CRASH ATE MOST OF W3PP CW LOG

73 LOGS TOTAL 5,620,544

* * * * *

Multiop operators:

K4IX: K4IX W4HIR W4JLS W4PRO KO4NX
 N3RR: N3RR KT4W K4VV
 NY3M: NY3M DAVID
 W4ATC: KO4PY N3QYE KF4ARS
 W4RM: W4RM W4NF W4CE
 W4ZYT: W4ZYT W4SD KC4VZK W8RJL AF4DC

SS SSB (#6 11/25) by N3II

CALL	QSO	SEC	TOTAL
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** SINGLE OP HIGH POWER

WP2Z	2379	79	375,882
KH7R	1930	78	301,080
K3MM	1865	79	294,670
K3ZO	1807	78	281,892
W4MR	1701	79	268,758
K4ZAM	1532	79	242,856
W2CS	1422	78	221,832
W3PP	1365	79	215,670
NB1B	1279	79	202,082
N3OC	1200	79	189,600

N4RV	1059	77	163,086
K8OQL	1000	79	158,000
N3HBX	1022	76	155,344
K4IQ	953	79	150,574
KE3Q	931	79	147,098
KS4XG	874	78	136,344
N3II	835	79	131,930
WI2T	656	78	102,336
W3EKT	650	75	97,500
K4HA	610	79	96,380
W3EAX	595	78	92,820
K2AV	608	75	91,200
W8ZA	570	76	86,640
N4AF	586	73	85,556
W3XY	472	79	74,576
K4SO	452	79	71,416
N3NT	412	76	62,624
K2UOP	381	75	57,150
K3IXD	374	76	56,848
K4QPL	374	75	56,100
N3UN	348	76	52,896
N4CW	328	75	49,200
W3ZZ	274	72	39,456
K3OSX	200	55	22,000
W4ZYT	105	48	10,080
W3GN	98	48	9,408
N4ZR	102	42	8,568
W4VC	67	31	4,154

** SINGLE OP LOW POWER

K1HTV	1079	78	168,324
K3MQH	1093	76	166,136
W3KN	650	79	102,700
W3UJ	514	76	77,520
N8II	435	74	64,380
N3JT	415	76	63,080
KM3V	318	79	50,244
W4YE	300	73	43,800
KA3TGY	211	68	28,696
N3RC	206	67	27,604
WB2DNE	191	61	23,302
W3CP	153	54	16,524
W3EMH	140	53	14,840
NV3V	126	56	14,616
N3TG	123	54	13,284
AA3NM	122	54	13,176
W3ECU	100	49	9,800

** MULTTOP

K1GG	1731	79	273,498
N3RR	1221	79	192,918
W3HVQ	936	79	147,888
W4ATC	810	79	127,980
K3SW	757	79	119,606
W2GG	757	79	119,606
WR3L	733	79	115,656
NT4D	705	79	111,390

K3SV	637	79	100,646
W3LM	500	79	79,000
K3RA	528	74	78,144
N3IQ	425	79	67,150
K4VV	436	73	66,656
WA4QDM	354	79	55,932
K3LYW	353	79	55,774
KA3EJJ	305	69	42,090
K3HH	218	74	32,264
NE3H	168	64	21,504
W3UR	67	41	5,494

	CW		5,620,544
	SSB		6,655,010

144 LOGS TOTAL 12,275,554
 * * * * *

Operators:

K1GG: N4GU WA4RDI K1GG
 K3RA: K3RA N3RNV
 K4VV: W1HIR K4VV
 KH7R: W3LPL
 N3IQ: WA0QII N3SLN KC3VO ND3F
 N3RR: N3RR K4VV KT4W
 W3EAX: NF3I
 W3LM: W3LM W3YD W3DAD WK3Z
 WB3HUP KA3YPY N3LDY
 W4ATC: N3QYE KF4MOK KF4ARS
 W4MR: AA4NC
 WR3L: W0CN WR3L
 WP2Z: K4MA Great! But not PVRC

LAST YEAR - UNLIMITED CATEGORY

logs Total CW & SSB

Potomac V R C	117	8,875,578
Northern Ca C C	77	7,409,132
Yankee Clip C C	83	6,106,238
Mad River R C	52	4,893,534

 The paper edition of this issue contained a graphic display of a PVRC QSL card and an order form. If you are interested please contact Craig Lee, N3NT, 8136 Tamar Dr, Columbia, MD 21045. Tel. 410 379 0288. The prices are:

Qty	Price	S&H USA	S&H DX
1000	\$46	\$5	\$14
2000	\$87	\$10	\$20
3000+	\$42/K	\$5/K	\$10/thousand

No S&H charge if you pick up the cards at a regular club meeting.

PVRC REFERENCE PAGE (Changes this month are underscored. Other updates? - editor)

-----Changes are not underscored in the electronic transmission.-----

PVRC Officers

PRESIDENT	KE3Q	RICH BOYD	(301) 464-8014	
VICE PRES	K3MM	TYLER STEWART	(301) 414-5444	
SECRETARY	N3OC	BRIAN MCGINNESS	(301) 652-6768	
TREAS,	N3KTV	JIM HORTON	(301) 258-9731	
HISTORIAN	K3SA	STEVE AFFENS	(301) 774-0558	

PVRC Charter Members:

W3GRF (SK), W4AAV (SK), W4KFC (SK), N0FFZ (SK), W4LUE, W7YS, VP2VI (W0DX), W3IKN, W4KFT.

PacketCluster Contest/DX System (MHz):

K3NA	Frederick MD	145.630	
W3LPL	Glenwood MD	145.590	441.250
KE3Q	Bowie MD	145.570	445.375
N3RR	Rockville MD	145.510	441.325
N4OHE	Mt.Weather VA	145.710	440.925
K3MQH	S Mountain PA	145.630	
WR3L	Baltimore MD	145.610	440.950
N4SR	Woodbridge VA	145.630	*
K4FJ	Mt. Vernon VA	145.770	*
KE3QZ	Hollywood, MD	145.690	*

This system is sponsored by the Potomac Valley DX Spotting Network except "*" are independently funded by each SYSOP.

PVRC on Internet.

PVRC web site: <http://www.pvrc.org> by K3SA.
NC (N4AF) web <http://www.pagesz.net/~pvrc>
PVRC reflector: To post: [\[email protected\]](#)
To join send email: [\[email protected\]](#) Text: SUBSCRIBE PVRC

Dues are by donation. The mandatory \$10 dues have been discontinued. So please send your donation - hopefully at least \$10 - to Jim Horton, N3KTV, 8527 Calypso Lane, Gaithersburg, MD 20879-1522. Make checks payable to PVRC. Thank you.

Newsletter & Autocall Editor: Dick Wilder, K3DI, 913 Shore Acres Rd, Arnold, MD 21012-1724. Voice 410-757-6706, FAX/modem 410-757-6720, [\[email protected\]](#), and packet. Deadlines are the 25th unless prior arrangements are made.

CENTRAL:

Rich Boyd, KE3Q, 301-464-8014 [\[email protected\]](#) The Central Meeting is always the second Monday (except June, July, and August) at 7:30 pm. The central meeting generally alternates between MD and VA locations. A premeeting dinner is usually held between 5:00 and 6:30 pm. Check via 147- repeater.
VA LOCATION: The Patrick Henry (Public) Library, Route 123, Vienna, VA. Premeeeting dinner at Outback, Old Branch Ave.
MD LOCATION: Church of the Nativity (Episcopal), Route 5, Temple Hills, MD. Premeeeting dinner at Topolino's.

NORTHWEST:

Ty Stewart K3MM 301-414-5444 [\[email protected\]](#) Meets at 8:00 pm on the third Tuesday every month at the Legends Restaurant in Hampton Inn, at I-270 and Route 85 in south Frederick, MD. Essentially includes WEST

VIRGINIA area.

NORTH CAROLINA:

Chair: Bert Michaud, N4CW, [\[email protected\]](#) Sec: Pete Soper, KS4XG, [\[email protected\]](#), Activites: Jim Stevens, K4MA, [\[email protected\]](#) POC is N4CW and KS4XG. Howie Hoyt, N4AF, 919-362-1301, [\[email protected\]](#) is PVRC reflector editor. PVRC/NC meets at 6:00 pm (may change to 5:30 pm) the first Thursday of every month at Luna's, 3227 Avent Ferry Rd, Raleigh, tel. 919-854-9600. Luns'a is in s strip mall behind Courtney's Restaurant. Go in, and proceed to the back, and up the stairs to a large table set and waiting for you.

TIDEWATER (VA) COLONY OF PVRC.

Don Lynch W4ZYT 804-486-0728 [\[email protected\]](#) Meetings are the 3rd Tuesday of every month in conjunction with the VA DXCC at the China Palace Restaurant corner of Newtown Road and Kempsville Road in Norfolk. Take 64 to the Newtown Road exit south. Kempsville Road is the second traffic light. The restaurant is across the intersection to the right.

SOUTHWEST VA CHAPTER: Coordinator: John Mitchell, K4IQ, Catawba, VA 540-384-7377, [\[email protected\]](#) Meets at Denny's Restaurant in West Salem; exit 137 to intersection & left before the traffic light OR Pargo's Restraunt in Roanoke, VA.

THE BWI REGIONAL/PVRC:

Weekly breakfast Wed at 7:30 AM at Basil's Deli Port on Elkrdige Landing Rd 1/4 mile South of Winterson Road 410-850-4333. Director: Ike Lawton, W2EOS, 410-263-2830. Secretary: Howard Leake, W6AXX, 410-465-7008, [\[email protected\]](#).

OVER-THE-HILL Luncheon:

Rotating hosts announces meeting info. Ben Shaver, AA4XU, 703-534-4740; Andy Anderson, W3XE, 301-384-7771, [\[email protected\]](#), Holiday Inn, College Park MD; and Bill Leavitt, W3AZ, 301-292-5797, Ramada Inn, Oxon Hill

RAPPAHANNOCK or WOODBRIDGE: Jack O'Mara W4NF 703-680-4106 and Cliff Deel W4CE 703-491-0841 [\[email protected\]](#).

CENTRAL VA: Bob Morris, W4MYA 804-457-9011 [\[email protected\]](#).

WEST (Shenandoah, etc) Chairperson: vacant

NORTHEAST: Dave Baugher, WR3L, 410-391-9735, [\[email protected\]](#).

EASTERN-SHORE (DEL-MAR-VA)

Brian McGinnes N3OC 301-652-6768 [\[email protected\]](#).

EAST (Annapolis) Rich Boyd, KE3Q, see info above

OTHER MEETINGS (based on last year):

Jun. W3LPL open house Sat before Field Day with joint FRC/PVRC meeting on alternate years. (99, 01, ...)
Jun-Aug. When joint FRC/PVRC @FRC they announce date.
Jul. Cook out at N4AF, Apex, NC
Jul. Open house, W4MYA, Goochland, VA.
Aug. Joint NCDXA/PVRC Fowlfest at W3YOZ Park
Aug. VHF++ meeting/workshop at ND3F in Ellicott City

Sep. PVRC meeting at the FARfest in Gaithersburg
Sep. Open house, WR3L, Baltimore
Dec. Christmas dinner, DC area.